

# IMAGE TRANSMISSION SYSTEM OF REAR PROJECTION TELEVISION

## Abstract

An image transmission system for a rear projection television includes a main board module and an optical engine module connected to the main board module. When the system actuates, the main board module receives control and image signals to allow a CPU of the main board module commanding a CPU of the optical engine module. The CPU of the optical engine module commands a light valve unit of the optical engine module to generate images that are then projected onto a screen. Because each module is controlled by its corresponding CPU and has a standardized connection port, the modules can be separately debugged and easily connected to external peripherals, thereby reducing the research and development time.